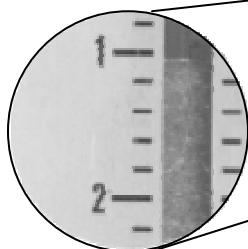


The 5-Newton Spring Scale

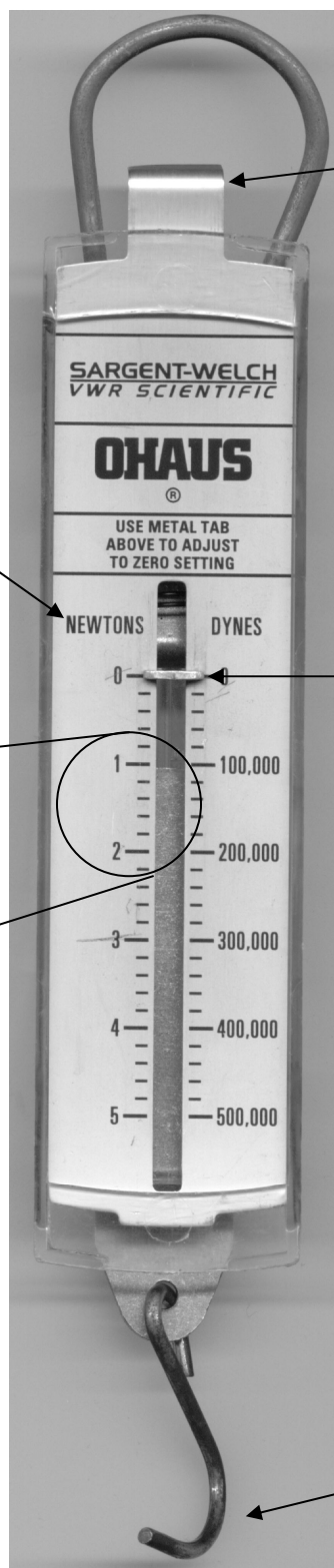
In our class, **force and weight** will always be measured in **Newton**s. Therefore, always use the **Newton**s side of the scale.



On this spring scale, the spaces between numbered marks are divided into 5 pieces. Take the following steps to determine the value of each mark:

$$1 \div 5 = 0.2$$

This means that every mark indicates 0.2 N.



With no load on the scale, the slider should be lined up with the 0 marks. (as it is in this picture). If it is not, move this tab up or down until it is.

NOTE: When the scale is being zeroed, make sure that you are holding it in the same orientation (vertical, horizontal, at an angle...) as it will be held when you are taking measurements.

USE METAL TAB
ABOVE TO ADJUST
TO ZERO SETTING

NEWTONS

DYNES

0

1

2

3

4

5

100,000

200,000

300,000

400,000

500,000

slider

The load is applied here.